

**INFORMATION  
DISCLOSURE STATEMENT  
TRANSMITTAL**

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

<i>Application Number</i>	<b>10/522282</b>
<i>Filing Date</i>	
<i>First Named Inventor</i>	Frank C. PENNING et al.
<i>Group Art Unit</i>	
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	NL 020686

Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

1.  I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.
2.  I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.

Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.

A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.

A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. \_\_\_\_\_).  
Filing Date \_\_\_\_\_ relied on for an earlier effective filing date under 35 U.S.C. 120).

A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.

A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

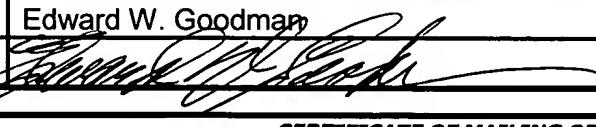
The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

cited in the specification or considered in drafting the specification of this application;

previously submitted or cited in the parent application (or in a related patent application Ser. No. \_\_\_\_\_).  
Filing Date: \_\_\_\_\_);

cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name (Print Type)	Edward W. Goodman	Registration No. (Attorney/Agent)	28,613
Signature		Date	1/14/2005

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # \_\_\_\_\_ on the date below:

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE										Atty. Docket No.	Serial No.				
										NL 020686		<b>10/522282</b>			
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)										Applicant					
										Frank C. PENNING et al.					
										Filing Date	Group				
										CONCURRENTLY					
<b>U.S. PATENT DOCUMENTS</b>															
Ex. Int.		Document Number						Date			Name	Class	Sub- class	Filing Date If Approp.	
	AA	4	5	7	5	8	3	6	March 11, 1986			Seto	369	265	
	AB	4	7	9	6	2	5	1	January 3, 1989			Hirano	369	75.2	
	AC														
	AD														
	AE														
	AF														
<b>FOREIGN PATENT DOCUMENTS</b>															
		Document Number						Date			Country	Class	Sub- Class	Trans.	
		E	P	0	2	7	5	6	0	0	July 27, 1988	Europe	G11B	25/04	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	AG														
	AH														
	AI														
	AJ														
	AK														
<b>OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)</b>															
	AL														
	AM														
	AN														
Examiner										Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.															